

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013122AL\
 Data File : FE034772.D
 Signal(s) : FID1B.CH
 Acq On : 01 Feb 2022 2:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 01 03:36:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.054	2581784	20.120 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	12.488	1951108	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	2.909	2285956	20.053 ug/ml
2) T n-Decane (C10)	3.938	2317863	20.154 ug/ml
3) T A~Naphthalene (C11.7)	5.495	2589189	20.176 ug/ml
4) T n-Dodecane (C12)	5.932	2314954	20.176 ug/ml
5) T A~2-methylnaphthalene...	6.542	2603120	20.198 ug/ml
6) T n-Tetradecane (C14)	7.718	2336544	20.197 ug/ml
7) T n-Hexadecane (C16)	9.311	2320524	20.250 ug/ml
8) T n-Octadecane (C18)	10.746	2329924	20.225 ug/ml
10) T n-Eicosane (C20)	12.049	2260494	20.197 ug/ml
11) T n-Heneicosane (C21)	12.657	2260829	20.177 ug/ml
13) T n-Docosane (C22)	13.241	2217221	20.128 ug/ml
14) T n-Tetracosane (C24)	14.339	2171454	20.044 ug/ml
15) T n-Hexacosane (C26)	15.355	2090991	19.988 ug/ml
16) T n-Octacosane (C28)	16.299	2041812	20.005 ug/ml
17) T n-Tricontane (C30)	17.182	1978595	20.021 ug/ml
18) T n-Dotriacontane (C32)	18.010	1852121	20.165 ug/ml
19) T n-Tetratriacontane (C34)	18.790	1854674	21.293 ug/ml
20) T n-Hexatriacontane (C36)	19.527	1627421	19.781 ug/ml
21) T n-Octatriacontane (C38)	20.230	1622387	20.466 ug/ml
22) T n-Tetracontane (C40)	21.054	1569663	19.462 ug/ml

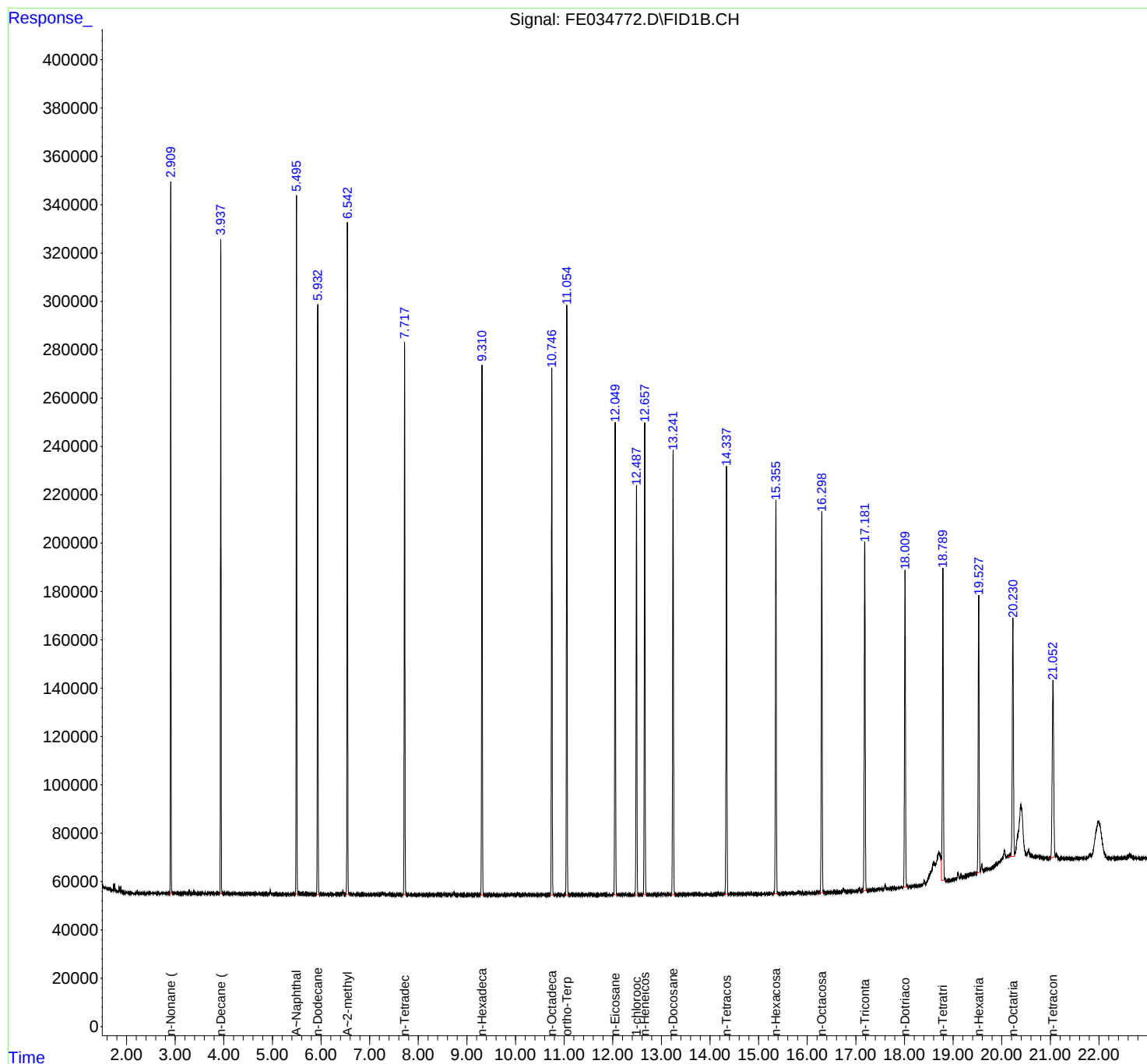
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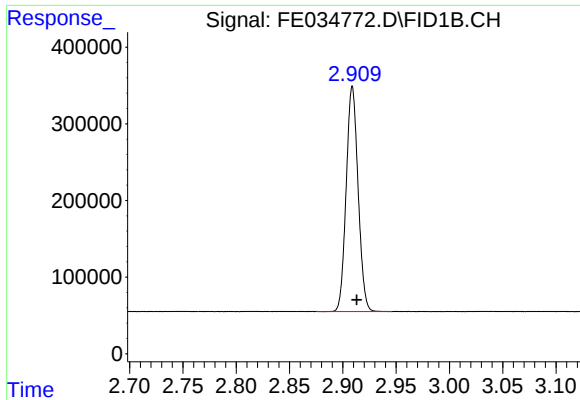
(m)=manual int.

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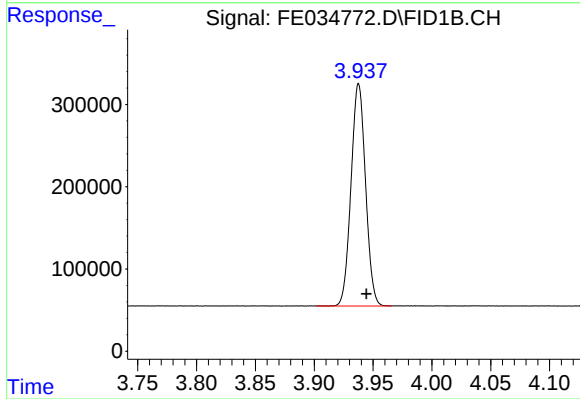
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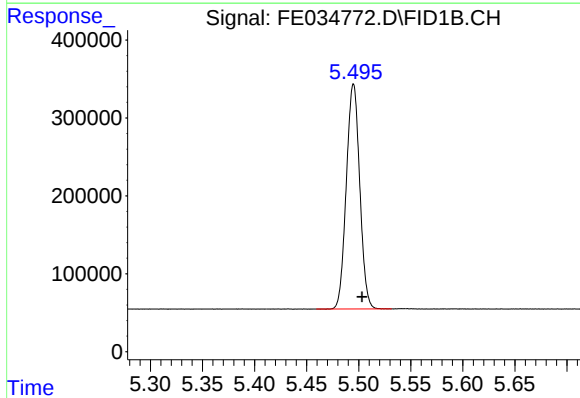
#1 n-Nonane (C9)

R.T.: 2.909 min
Delta R.T.: -0.004 min
Response: 2285956
Conc: 20.05 ug/ml



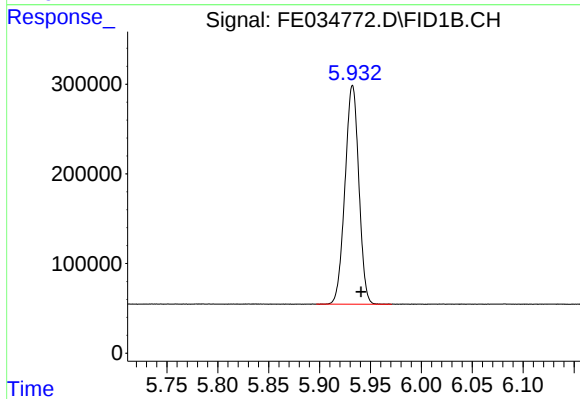
#2 n-Decane (C10)

R.T.: 3.938 min
Delta R.T.: -0.007 min
Response: 2317863
Conc: 20.15 ug/ml



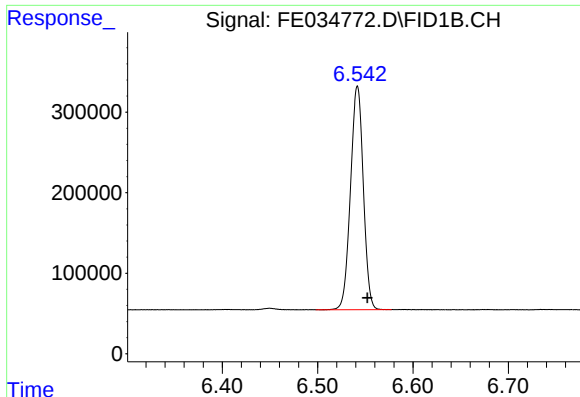
#3 A~Naphthalene (C11.7)

R.T.: 5.495 min
Delta R.T.: -0.008 min
Response: 2589189
Conc: 20.18 ug/ml



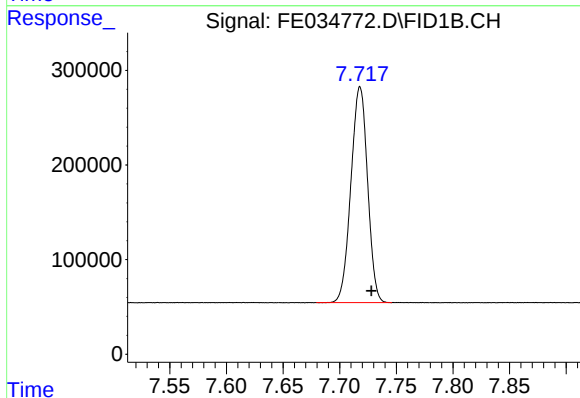
#4 n-Dodecane (C12)

R.T.: 5.932 min
Delta R.T.: -0.008 min
Response: 2314954
Conc: 20.18 ug/ml



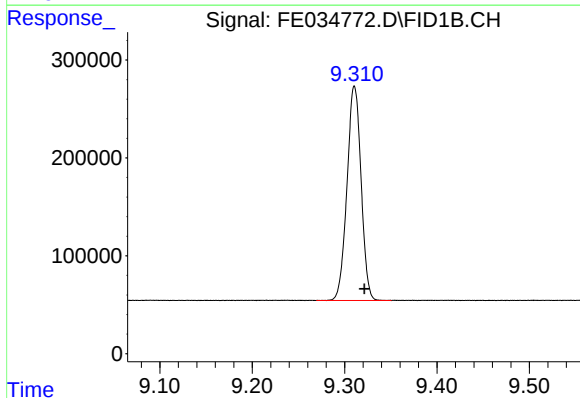
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.542 min
Delta R.T.: -0.011 min
Response: 2603120
Conc: 20.20 ug/ml



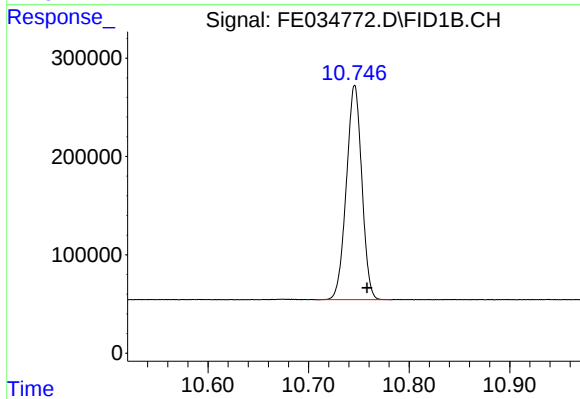
#6 n-Tetradecane (C14)

R.T.: 7.718 min
Delta R.T.: -0.010 min
Response: 2336544
Conc: 20.20 ug/ml



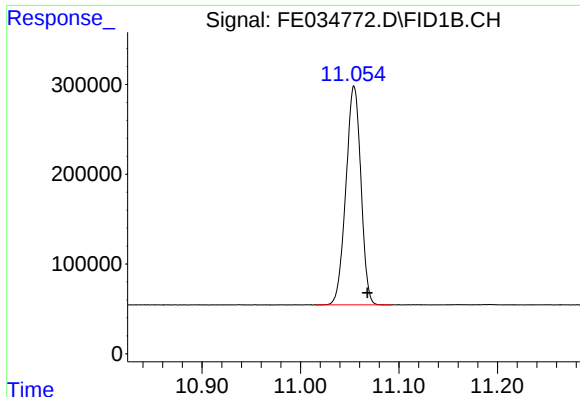
#7 n-Hexadecane (C16)

R.T.: 9.311 min
Delta R.T.: -0.011 min
Response: 2320524
Conc: 20.25 ug/ml



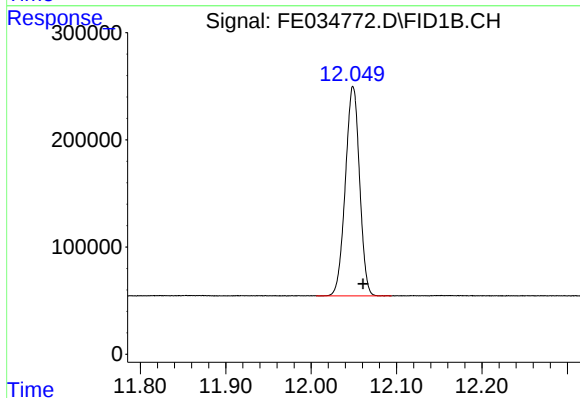
#8 n-Octadecane (C18)

R.T.: 10.746 min
Delta R.T.: -0.012 min
Response: 2329924
Conc: 20.23 ug/ml



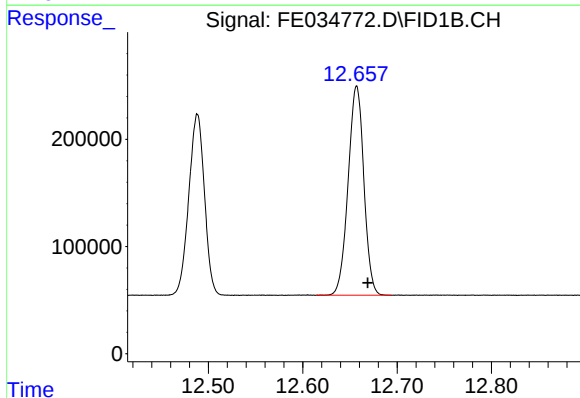
#9 ortho-Terphenyl (SURR)

R.T.: 11.054 min
Delta R.T.: -0.013 min
Response: 2581784
Conc: 20.12 ug/ml



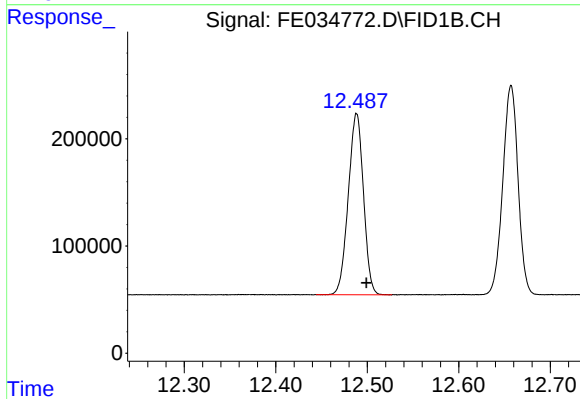
#10 n-Eicosane (C20)

R.T.: 12.049 min
Delta R.T.: -0.012 min
Response: 2260494
Conc: 20.20 ug/ml



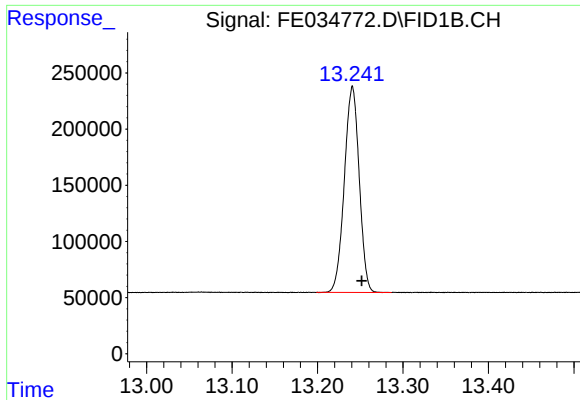
#11 n-Heneicosane (C21)

R.T.: 12.657 min
Delta R.T.: -0.012 min
Response: 2260829
Conc: 20.18 ug/ml



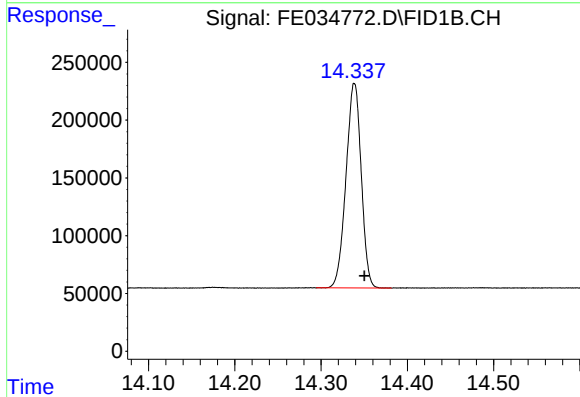
#12 1-chlorooctadecane (SURR)

R.T.: 12.488 min
Delta R.T.: -0.011 min
Response: 1951108
Conc: 20.22 ug/ml



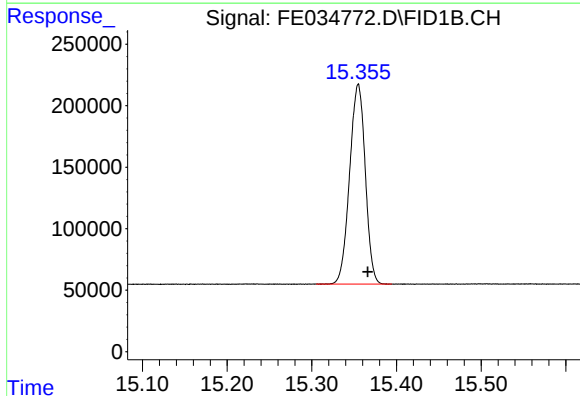
#13 n-Docosane (C22)

R.T.: 13.241 min
Delta R.T.: -0.011 min
Response: 2217221
Conc: 20.13 ug/ml



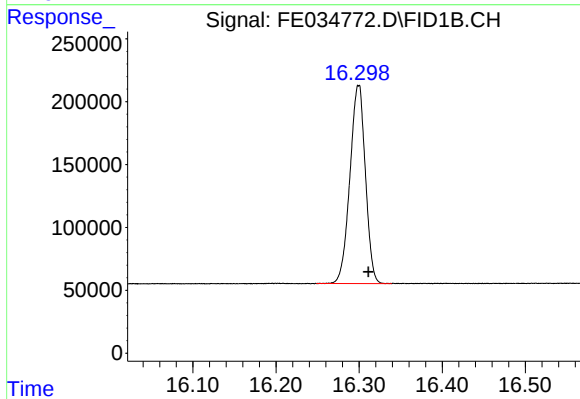
#14 n-Tetracosane (C24)

R.T.: 14.339 min
Delta R.T.: -0.012 min
Response: 2171454
Conc: 20.04 ug/ml



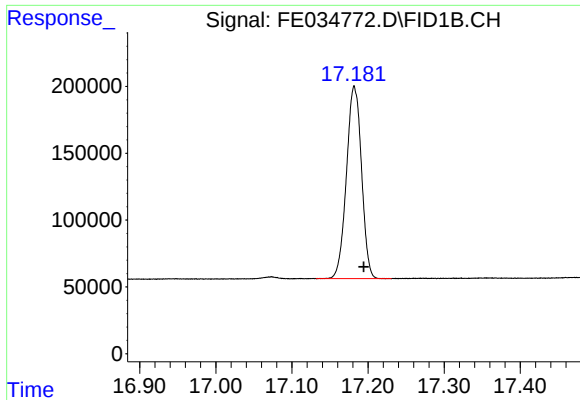
#15 n-Hexacosane (C26)

R.T.: 15.355 min
Delta R.T.: -0.011 min
Response: 2090991
Conc: 19.99 ug/ml



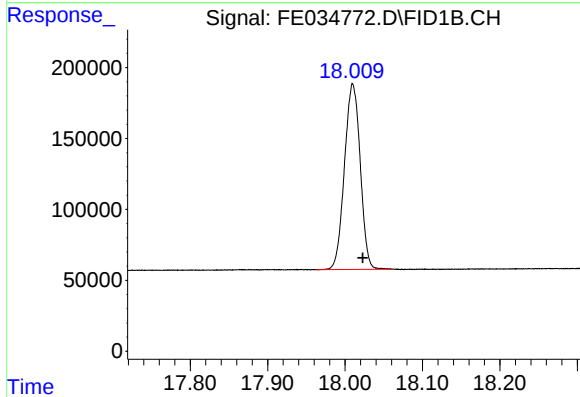
#16 n-Octacosane (C28)

R.T.: 16.299 min
Delta R.T.: -0.012 min
Response: 2041812
Conc: 20.01 ug/ml



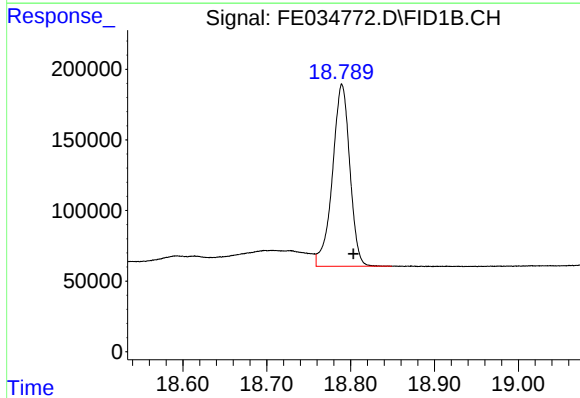
#17 n-Tricontane (C30)

R.T.: 17.182 min
Delta R.T.: -0.013 min
Response: 1978595
Conc: 20.02 ug/ml



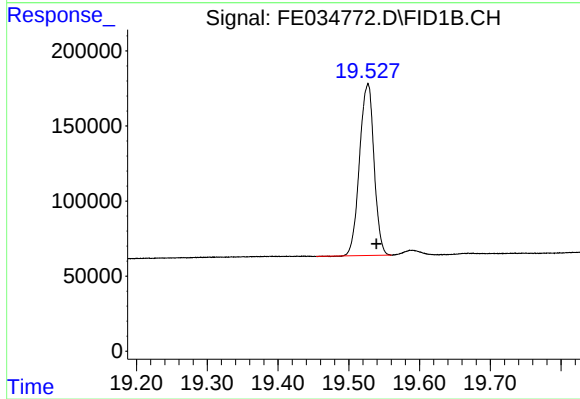
#18 n-Dotriacontane (C32)

R.T.: 18.010 min
Delta R.T.: -0.013 min
Response: 1852121
Conc: 20.17 ug/ml



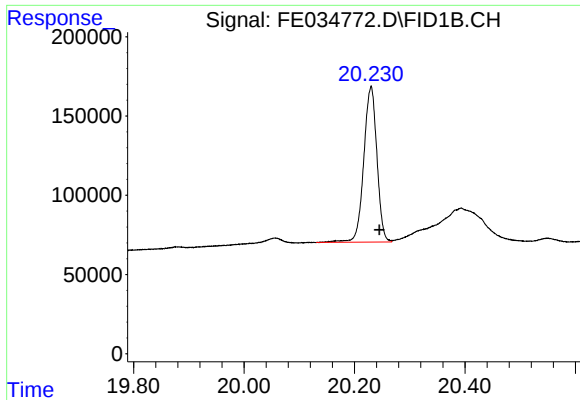
#19 n-Tetratriacontane (C34)

R.T.: 18.790 min
Delta R.T.: -0.014 min
Response: 1854674
Conc: 21.29 ug/ml



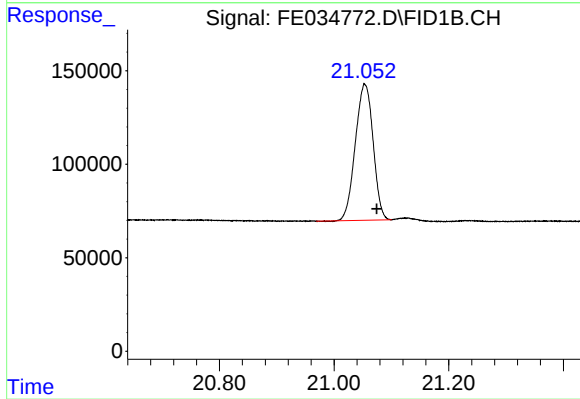
#20 n-Hexatriacontane (C36)

R.T.: 19.527 min
Delta R.T.: -0.012 min
Response: 1627421
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.230 min
Delta R.T.: -0.015 min
Response: 1622387
Conc: 20.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.054 min
Delta R.T.: -0.021 min
Response: 1569663
Conc: 19.46 ug/ml